

*N*  
F 2654 to 2696

1000 to 1059

7-11 9 am 7-11 10 am 81  
7-11 9 am 7-11

1920  
134  

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2054

C	clay	brk	broken
Co	Coral	cro	coarse
G	Gravel	fine	fine
h.	Hard	hnd	hard
Oz.	ooze	lge	large
P	Pebbles	rky	rocky
R	Rock	sft-	soft-
S.	Sand	sm	small
Sh	Shells	sth	sticky
Sp.	Specks	stf.	stiff
St.	Stones		
Fas	Foraminifera		
Glob.	Globigerina		
bk	black	gy	gray
br	brown	li-	light-
bu	blue	rd	red
dk	dark	wh	white
gn	green	yl	yellow

Cape Henry Sat-night. 7 O'clock  
Washington Sunday. 1.30 P.M.

$$\begin{array}{r}
 89-418 \\
 75-15 \\
 \hline
 14.30 \\
 12.05 \\
 \hline
 26.35
 \end{array}$$

$$\begin{array}{r}
 89-418.00 \\
 75-15.15 \\
 \hline
 14.32.45 \\
 12.05.15 \\
 \hline
 26-38.00
 \end{array}$$

0203

21 - 2 -

30 - 28 - 72 - 66 - 74 -

8

2 12m

No. 1000

Date May 1st

Sigsbee Machine. 2 Reel.

Turns 2615 Cor. + 185 Depth 2800

Shot or lead 35 lb

Bottom br oz.

Bottom temperature 37

No. of Thermometer 53731 Cor. - 2

Corrected temperature 36.8

Air 75 Surface 77 Drift.  $\frac{1}{2}$  E

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Am				
3 47 35	25.10	0		
49.00	24.10	100		
51.00	23.10	200		
52.55	22.00	300		
54.00	21.00	400		
55.00	20.00	500		
4.0 31.00	19.00	600		
05.00	18.00	700		
06.40	17.10	800		
08.00	16.10	900		
10.40	15.10	1000		
12.50	14.05	1100		
14.45	13.30	1200		
16.40	11.00	1300		
18.50	09.30	1400		
21.30	08.00	1500		
22.40	06.50	1600		
25.00	04.00	1700		
26.50	03.00	1800		
29.00 5	01.20	1900		
30.40	59.00	2000		
31.40	57.20	2100		
34.00	55.15	2200		
36.50	52.00	2300		
38.00	49.55	2400		

3.47  
5.25  
1.38



40.25	417.00	2500	
42.20	418.10	2600	
43.00	418.40	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1001

Date

May 12 1886

Sigsbee Machine. 2 Reel.

Turns 2581 Cor. + 183

Depth 2764

Shot or lead 35 lb

Bottom gy. co. s.

Bottom temperature 38.5

No. of Thermometer 53731 Cor. - 2

Corrected temperature 36.5

Air 77

Surface 76

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
6. 55.00	16.15	0
56. 00	15.30	100
57. 00	14.45	200
58. 00	13.45	300
59. 00	12.50	400
7. 00. 00	11.50	500
01. 00	10.50	600
02. 40	09.50	700
03. 50	08.45	800
06. 30	07.30	900
07. 50	06.20	1000
09. 50	05.10	1100
11. 30	03.50	1200
13. 40	02.35	1300
15. 35	01.15	1400
17. 20	09.50	1500
19. 10	08.20	1600
20. 55	06.50	1700
22. 35	05.10	1800
24. 20	03.30	1900
25. 50	02.00	2000
27. 30	00.15	2100
30. 10	07.30	2200
32. 10	06.00	2300
35. 05	04.00	2400

6-5-5  
 1-1-6  
 1-2-1

2.36.55	112.55	2500
2.5.00		2600
		2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

# SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 0000 Date 11/1/11

Machine. 2 Reel. 1

Turns 2000 Cor. 11.5 Depth 2011.5

Shot or lead 60 lbs.

Bottom br. co. oz.

Bottom temperature 38.8

No. of Thermometer 5555 Cor. 1.4

Corrected temperature 38.4

Air 0 Surface 1 Drift. 0.00

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
00.00		0		
01.00	38.40	100		
02.00	37.10	200		
03.05	37.35	300		
04.15	37.00	400		
05.30	36.20	500		
06.40	35.30	600		
07.45	34.40	700		
08.45	33.50	800		
09.45	32.50	900		
10.45	31.50	1000		
11.45	30.45	1100		
12.50	29.35	1200		
13.00	28.20	1300		
14.10	27.10	1400		
15.20	26.00	1500		
16.30	24.50	1600		
17.40 15	23.40	1700		
18.00	22.30	1800		
19.15	21.25	1900		
20.35	20.15	2000		
21.55	19.05	2100		
23.15	17.55	2200		
24.40	16.45	2300		
26.10	15.30	2400		

10.11.145	10.14.	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

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No. 100345. Date *May 1* 1886*Sigsbee* Machine. 2 Reel.Turns *2471* Cor. + *117* Depth *2670*Shot or lead *60 lbs.*Bottom *br. co. o.*Bottom temperature *51.5*No. of Thermometer *53731* Cor. - *4*Corrected temperature *38.1*Air *71* Surface *71* Drift. *0*

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

28.15 , 30.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1004440 Date 11 June 1880

Sigsbee Machine. 2 Reel.

Turns 2535 Cor. + 180

Depth 2715

Shot ~~on lead~~ 60 lb

Bottom For. &amp; les. S.

Bottom temperature 38½

No. of Thermometer 53731 Cor. --

Corrected temperature 38.1

Air 76 Surface 73 Drift.

Trawl or dredge or tangles

No current

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
36.50	34.50	0		
37.45	34.00	100		
38.45	33.23	200		
39.50	32.45	300		
40.55	32.00	400		
42.00	31.20	500		
43.00	30.30	600		
44.05	29.45	700		
45.10	28.55	800		
46.15	28.00	900		
47.30	27.05	1000		
48.40	26.10	1100		
49.50	25.10	1200		
51.00	24.05	1300		
52.15	23.00	1400		
53.30	22.00	1500		
54.45	20.50	1600		
56.00	19.40	1700		
57.15	18.30	1800		
58.30	17.20	1900		
59.45	16.00	2000		
01.00	14.40	2100		
02.40	13.20	2200		
04.00	12.10	2300		
05.25	10.50	2400		



06.50	09.00	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1005 Date. May 2, 1900

Machine. S Reel.

Turns 866 Cor. + 77 Depth 943

Shot or lead 35 lbs.

Bottom gy. s. m. s. p.

Bottom temperature 39

No. of Thermometer 53731 Cor. -.4

Corrected temperature 38.6

Air 60 Surface 72 Drift. 200 cur.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.15				
12.06	28.45	0		
07.05	28.00	100		
15	27.10	200		
09.30	26.20	300		
10.45	25.30	400		
12.05	24.30	500		
13.30	23.30	600		
14.55	22.30	700		
16.30	21.	800		
17.40	20.20	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1001 Date May 25 1882

Machine. S. Reel.

Turns 671 Cor. + 57 Depth 671

Shot or lead 35 lbs.

Bottom gy. s.

Bottom temperature 41.5

No. of Thermometer 52731 Cor.

Corrected temperature 41.01

Air 69 Surface 72 Drift.

Trawl or dredge or tangles Cur. 1/2 N. E.

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2. 18. 30

3. 18. 30

0

19. 30

3. 19. 30

100

20. 30

3. 20. 30

200

21. 00

3. 21. 00

300

22. 00

3. 22. 00

400

23. 00

3. 23. 00

500

24. 00

3. 24. 00

600

25. 00

3. 25. 00

700

26. 00

3. 26. 00

800

27. 00

3. 27. 00

900

28. 00

3. 28. 00

1000

29. 00

3. 29. 00

1100

30. 00

3. 30. 00

1200

31. 00

3. 31. 00

1300

32. 00

3. 32. 00

1400

33. 00

3. 33. 00

1500

34. 00

3. 34. 00

1600

35. 00

3. 35. 00

1700

36. 00

3. 36. 00

1800

37. 00

3. 37. 00

1900

38. 00

3. 38. 00

2000

39. 00

3. 39. 00

2100

40. 00

3. 40. 00

2200

41. 00

3. 41. 00

2300

42. 00

3. 42. 00

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1007 Date Dec 5 1886

Machine. 2 Reel.

Turns 632 Cor. + 58 Depth 690

Shot or lead 35 lbs.

Bottom yf. oz. bk.

Bottom temperature 41.5

No. of Thermometer 53731 Cor. - 4

Corrected temperature 41.1

Air 69 Surface 72 Drift. No cur.

Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *111* Date *Aug 10 1881*

*Liquor* Machine. *2* Reel.

Turns *112* Cor. *+ 5*

Depth *117*

Shot or lead *35 lbs.*

Bottom *yl. oz. bk. sp.*

Bottom temperature *50.3*

No. of Thermometer *555* Cor. *-*

Corrected temperature *39.9*

Air *71* Surface *73* Drift. *0*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2654 Date May 2<sup>nd</sup> 1886  
Sigsbee Machine. 2 Reel.

Turns 604 Cor. + 56 Depth 660

~~Shot or lead~~ 35 lbs

Bottom sh. gy. bk. s.p.

Bottom temperature 55.1

No. of Thermometer 53731 Cor. -.4

Corrected temperature 39.3

Air 76 Surface 73 Drift. 1 knts SSW 3/4 N

Trawl or dredge or tangles Dean

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

8. 08 10	50.15	0	21.20
09 15	50.05	100	18.10
10 00	49.55	200	15.50
11 00	49.45	300	12.45
12 15	49.35	400	10. —
13 15	49.25	500	07.15
14 15	49.15	600	04.15
		700	10.01.10
		800	57.45 58.05
		900	9.01.15 55.00
		1000	05.40 52.10
		1100	09.40 49.20
		1200	13.10 46.10
		1300	17.20 9.42.00
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Trawl contained  
*Foraminifera*, *Pteropod shells*,  
*Gastropoda*, *Fishes*, *Argonauta*  
 and shells

No. *Hyd 1009* Date *16 July 1881**Sigsbee* Machine. 2 Reel.Turns *605* Cor. + *56* Depth *661*~~Shot or~~ lead *35*Bottom *S. Fm.*Bottom temperature *10.000*No. of Thermometer *53721* Cor.

Corrected temperature

Air *72* Surface *73* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>11. 13.00</i>	<i>30.20</i>	0		
<i>14 00</i>	<i>28.55</i>	100		
<i>14 55</i>	<i>27.10</i>	200		
<i>15.50</i>	<i>25.30</i>	300		
<i>16.45</i>	<i>23.55</i>	400		
<i>17.50</i>	<i>22.15</i>	500		
<i>19. 00</i>	<i>19.45</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1010* Date *May 2<sup>nd</sup> 1886**Sigsbee* Machine. *2* Reel.Turns *607* Cor. + *56* Depth *663*~~Shot or lead~~ *35 lbs*Bottom *lt. br. lo.*Bottom temperature *40.1*No. of Thermometer *53731* Cor. - *4*Corrected temperature *40.5*Air *74* Surface *74* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

12.57.30	10.15	0
58.25	09.25	100
59.25	08.40	200
1.00.15	08.00	300
01.20	07.20	400
02.25	06.35	500
03.40	05.30	600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Kyd 1011* Date *May 2<sup>nd</sup> 1896**Sigsbee* Machine. *2* Reel.Turns *625* Cor. + *57* Depth *682*~~Shot or lead~~ *35 lbs*

Bottom

Bottom temperature

No. of Thermometer *53731* Cor.

Corrected temperature

Air *74* Surface *74* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*2. 30.40*

0

*31.30*

100

*32.25*

200

*33.20*

300

*34.25**41.10*

400

*35.40**40.15*

500

*37.00**39.00*

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Splicing done at 400 turns*  
*Shot 400 turns of wire,*  
*1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-23*



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

1012

Date

August 1, 1882

Sigsbee Machine. 2 Reel.

Turns

560

Cor. +

38

Depth

610

~~Shot or lead~~

35 lb

Bottom

y. of blk spts

Bottom temperature

41

No. of Thermometer

54821

Cor. -

3

Corrected temperature

40.8

Air

74

Surface

75

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

3.59.50

11.35

0

4.01.20

10.35

100

02.25

10.35

200

03.25

11.35

300

04.00

11.35

400

05.00

11.35

500

06.00

11.35

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2655 Date 11 2nd 86Sigsbee Machine. 2 Reel.Turns 310 Cor. + 28 Depth 338~~Shot or lead~~ 35 lbBottom gy. S.Bottom temperature 47.2No. of Thermometer 52821 Cor. -.2Corrected temperature 47.0Air 72 Surface 76 Drift. 5/27 N 1/2 WTrawl or dredge or tangles Long beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

2:00		0	1:53:00	19:00
		100	5:30	16:00
		200	5:7.00	13:00
5:20		300	6:08.35	10:00
		400	6:40.00	07:00
		500	6:57.50	04:00
		600	13.00	7:01.00
		700	16.00	57.50
		800	27.00	53.30
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1 specimen of *Ammonia* taken from  
 1 specimen of *Ammonia* taken from  
 1 specimen of *Ammonia* taken from  
 1 specimen of *Ammonia* taken from  
 2 spec. g. 2 specimens of *Ammonia*

No. 2656 Date May 3<sup>rd</sup> 1886Machine. 2 Reel.Turns 528 Cor. + 44 Depth 572~~Shot~~ or lead 35Bottom Fot.Bottom temperature 41 1/2No. of Thermometer 54185 Cor. - 3Corrected temperature 41.2Air 69 Surface 71 Drift 1 1/2 Kts WNWTrawl or dredge or tangles Large beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.01.45	17.15	0	5.24.30	24.55
02.40	16.25	100	25.15	23.35
03.45	15.40	200	26.30	19.25
04.55	14.55	300	27.45	16.50
06.10	14.05	400	29.00	14.10
07.25	13.10	500	30.15	11.15
		600	31.30	08.20
		700	32.45	05.20
		800	34.00	02.10
		900	35.15	59 -
		1000	36.30	55 -
		1100	37.45	50.10
		1200	39.00	45.10
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Found*  
 REMARKS. *few shrimp*  
*1000 fathoms*  
*1000 fathoms*

No. 2657 Date Aug 21Machine. 2 Reel.Turns 498 Cor. + 42 Depth 540Shot or lead 35 lbBottom ForBottom temperature 45.5No. of Thermometer 54821 Cor. - 3Corrected temperature 44.7Air 71 Surface 73 Drift. 1 1/4 m W N WTrawl or dredge or tangles 23 f. 0.0 m

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

8-30.00

27.00

100

31.00

33.30

200

41-15

31.00

300

48.00

31.00

400

51-30

22.00

500

55.00

19.20

600

58.30

15.30

700

9-01-30

11.00

800

05.00

07.00

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400





No. 2658 DateSigsbee Machine. 2 Reel.Turns. 75 Cor. 48 Depth 515~~Shot or lead~~ 35 lbBottom br frBottom temperature 41.5No. of Thermometer 5821 Cor. - .3Corrected temperature 41.2Air 2 Surface 73 Drift. 1.1Trawl or dredge or tangles None

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

12-04-30	14-35	0	12-20-	16-30
15-35	14-00	100	23-45	103-00
06-35	13-20	200	27-10	2-00-00
07-40	12-35	300	30-15	57-15
08-50	11-45	400	34-00	59-00
10-00	11-00	500	37-00	51-00
		600	40-00	48-00
		700	43-00	44-20
		800	46-20	41-00
		900	49-25	38-00
		1000	52-45	35-00
		1100	56-40	1-31-20
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. 2509

Date May 3rd 1881

Machine. 2 Reel.

Turns 400 Cor. + 40

Depth 440

Shot or lead 35 lb

Bottom brn For.

Bottom temperature 46

No. of Thermometer 54821 Cor. - 2

Corrected temperature 43.8

Air 3 Surface 4

Drift. / m. 1.11

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

3-50.00 1.00.00

100

57.00 39.30

200

4.00.00 36.30

300

03.10 33.20

400

06.30 30.15

500

09.30 26.45

600

12.30 23.15

700

15.45 20.00

800

19.30 17.00

900

23.45 14.00

1000

28.00 11.00

1100

33.00 5.04

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
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	2900	
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	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*Hyalothurax* *Hyalothurax* (very large)  
*Hyalothurax* Coral

567.

No. 2660 Date Jan 28 1886  
Sigsbee Machine. 2 Reel.

Turns 1421 Cor. + 40 Depth 500

Shot or lead 35 lbs.

Bottom sp. for

Bottom temperature 46

No. of Thermometer 54821 Cor. - 3

Corrected temperature 45° 7

Air 72 Surface 74 Drift. 4 m. 6. 21.

Trawl or dredge or tangles Large

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6. 47. 00	57. 10	0	5. 00. 15	49. 30
4. 00	56. 25	100	05. 30	45. 40
1. 30	55. 40	200	11. 00	42. 10
50. 10	54. 50	300	16. 30	38. 50
51. 15	54. 00	400	22. 00	35. 30
52. 00	6. 53. 20	500	27. 30	31. 30
		600	33. 00	27. 30
		700	38. 30	24. 05
		800	44. 00	20. —
		900	49. 30	15. —
		1000	55. 00	10. —
		1100	40. 30	8. 02. 00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl contained  
Fish 3 species. *Stenopus*  
*Scud* *Amphipoda*

No.

Date *11/10/11**Sigsbee* Machine. 2 Reel.Turns *4104* Cor. + *34* Depth *438*Shot or lead *35 lb*Bottom *gy S blk spha*Bottom temperature *12.5-8*No. of Thermometer *54821* Cor. - *.3*Corrected temperature *45.5*Air *70* Surface *70* Drift. / m *114 W*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>51</i>	<i>10.00</i>	<i>20.00</i>	<i>0</i>	<i>5.29.00</i>	<i>05.00</i>
<i>11</i>	<i>00</i>	<i>19.00</i>	<i>100</i>	<i>55.00</i>	<i>702.00</i>
<i>12</i>	<i>30</i>	<i>18.30</i>	<i>200</i>	<i>58.40</i>	<i>58.00</i>
<i>13</i>	<i>25</i>	<i>17.30</i>	<i>300</i>	<i>41.20</i>	<i>55.00</i>
<i>15</i>	<i>10</i>	<i>16.50</i>	<i>400</i>	<i>46.30</i>	<i>52.00</i>
			<i>500</i>	<i>48.30</i>	<i>49.00</i>
			<i>600</i>	<i>51.10</i>	<i>46.00</i>
			<i>700</i>		<i>42.00</i>
			<i>800</i>		<i>38.50</i>
			<i>900</i>		<i>35.00</i>
			<i>1000</i>		
			<i>1100</i>		
			<i>1200</i>		
			<i>1300</i>		
			<i>1400</i>		
			<i>1500</i>		
			<i>1600</i>		
			<i>1700</i>		
			<i>1800</i>		
			<i>1900</i>		
			<i>2000</i>		
			<i>2100</i>		
			<i>2200</i>		
			<i>2300</i>		
			<i>2400</i>		



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3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

*Current & Trawl*

*Shore*

No.

2162

Date

Sigsbee

Machine. 2 Reel.

Turns 400

Cor. +

34

Depth

~~Shot or~~ lead

35 lb

Bottom

gy. S. bk. sh.

Bottom temperature

44

No. of Thermometer

34821

Cor. - 3

Corrected temperature

43° 9'

Air

72

Surface

75

Drift

3' - 1. 1. 11.

~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
00	15.20	0	8.10	15.40
10	14.40	100	31.30	15.00
20	14.00	200	32.00	14.15
30	13-15	300	29.00	21.30
40	12.40	400	31.30	18.40
		500	34.05	15.45
		600	36.45	12.45
		700	39.10	09.45
		800	42.20	05.50
		850		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*Sh. in quantity of sea  
several sea urchins.*

No. 2663 Date Nov 4 1886

Sigsbee Machine. 2 Reel.

Turns 388 Cor. + 33 Depth 421

~~Shot or lead~~ 35 lbs

Bottom br. S.

Bottom temperature 43

No. of Thermometer 54821 Cor. - 3

Corrected temperature 42.7

Air 72 Surface 77 Drift. 3/4 N. 1/4 E.

Trawl or dredge or tangles none

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.31.30	41.10	0	10.46.-	
12.25	40.30	100	50.-	30.00
3.3 25	39.45	200	54.05	25.00
34.35	38.55	300	57.00	21.00
35.35	38.05	400	11.00	17.30
		500	24.00	10.40
		600	37.00	06.50
		700	50.00	03.00
		800	1.00	59.10
		900	14.00	55.20
		1000	27.00	51.30
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Very low quantity  
cord & few sea urchins*

87.

No. 3054 Date Nov 1 1885  
Sigsbee Machine. 2 Reel.  
Turns 343 Cor. 30 Depth 373  
Shot or lead 35 lbs.  
Bottom co. S.  
Bottom temperature 43  
No. of Thermometer 54821 Cor. - 3  
Corrected temperature 42.7  
Air 74 Surface 75 Drift. 1 m. N.  
Trawl or dredge or tangles 10 ft. 2 ft.

Turn. 2 ft. 1 ft.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.14.30	22.15	0	2.26.-	58.25
15.30	21.35	100	29.10	55.10
16.30	20.50	200	32.15	52.00
17.40	20.00	300	35.15	49.00
18.15	2.19.30	400	38.40	46.00
		500	43.25	42.15
		600	47.15	38.30
		700	50.00	34.45
		800	53.00	3.21.-
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Soft sea urchins, worm tubes,  
fish (Macrurus) shrimp and  
one octopus.

No. 2665 Date May 4th. 1886  
~~Sigsbee~~ Machine. 2 Reel.

Turns 243 Cor. + 20 Depth 263

~~Shot or lead~~ 35 2

Bottom fine gy. S.

Bottom temperature 45.5

No. of Thermometer 54821 Cor. - 3

Corrected temperature 45.2

Air 75 Surface 76 Drift.  $\frac{3}{4}$  m. SSE.

Trawl or dredge or bangles Large beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.03.40	10.15	0	5.16.00	30.30
04.50	09.25	100	19.20	27.00
06.20	08.45	200	22.50	24.15
		300	26.00	21.20
		400	29.00	18.30
		500	32.00	15.30
		600	35.00	12.30
		650	50.30	6.10.30
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		1800		
		1900		
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		2400		



	2500	
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	2800	
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	3000	
	3100	
	3200	
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	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Serial continued*  
REMARKS.

*few spider crabs. Rays. Dog.  
fish, whiting. No. 1212500.*

No. 2666 Date May 5 1886Sigsbee Machine. 2 Reel.Turns 240 Cor. + 31Depth 270~~Shot or lead~~ 35 lbs.Bottom gy. S.Bottom temperature 48.5No. of Thermometer 54551 Cor. 2Corrected temperature 48.3Air 70 Surface 74 Drift. 1 1/4 m. N. E.Trawl or dredge or tangles 1000 fms.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
0.00		0	5.30	5.50
04.00		100	6.30	6.20
05.00		200	6.40	6.20
5.10	5.00	300	6.50	6.15
		400	7.00	6.10
		500	7.10	6.05
		600	7.20	6.00
		700	7.30	5.55
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*Small sea urchins - several*

No. 2667Date May 5 1886Machine. 2 Reel.Turns 253 Cor. + 21Depth 274Shot or lead 25 lb.Bottom gy. S. bk. sp.Bottom temperature 48.9No. of Thermometer 54801 Cor. - .2Corrected temperature 48.7Air 75Surface 75Drift. 0Trawl or dredge or tangles None

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.30		0	11.30	36.05
14.30	10.25	100	25.45	33.15
15.35	19.50	200	29.15	30.30
16.45	19.00	300	32.15	27.50
		400	34.45	24.50
		500	37.15	21.30
		600	39.45	18.30
		700	42.00	8.15.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*Althenosoma, Styliolites, long. ...*  
*Siliceous sponges, Echinodermata.*  
*Fishes - rays, ...*

No. 2668

Date May 5<sup>th</sup> 1886

Sigsbee Machine. 2 Reel.

Turns 270 Cor. + 24 Depth 294

~~Shot or lead~~ 35 lbs.

Bottom gy S. dd. lo.

Bottom temperature 46 $\frac{1}{2}$ 

No. of Thermometer 54821 Cor. - 2

Corrected temperature 46 $\frac{3}{4}$ Air 73 Surface 76 Drift.  $\frac{1}{4}$  knot NNE

Trawl or dredge or tangle Large beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

9 27.00	35.50	0	9 37.00	40.00
28.00	35.00	100	40.25	37.00
29.10	34.10	200	42.30	34.00
		300	45.15	30.45
		400	48.10	27.20
		500	51.20	24.00
		600	54.00	20.10
		700	57.30	10.15.30
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Current  $\frac{1}{2}$  knot NNE  
 21.4.15

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Trawl contained  
 REMARKS.  
 Hydroids, Cedars, glass spon-  
 ges, brittle stars, Macrurus  
 Hake

No. *2669* Date *May 5" 1886*  
*Sigsbee* Machine. *2 Reel.*

Turns *32.5* Cor. + *27* Depth *3 52*

~~Shot or lead~~ *35 lbs*

Bottom *gy. S. dd. Co.*

Bottom temperature *44*

No. of Thermometer *54821* Cor. - *2*

Corrected temperature *43.7*

Air *73* Surface *77* Drift  $\frac{1}{4}$  *mi* *NNE.*

Trawl ~~or dredge or tangles~~ *Large beam*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>11.13.50</i>	<i>21.20</i>	<i>0</i>	<i>11.23.30</i>	<i>32.45</i>
<i>14.50</i>	<i>20.30</i>	<i>100</i>	<i>26.20</i>	<i>29.30</i>
<i>15.50</i>	<i>19.40</i>	<i>200</i>	<i>28.40</i>	<i>26.30</i>
<i>16.55</i>	<i>18.40</i>	<i>300</i>	<i>31.10</i>	<i>23.30</i>
		<i>400</i>	<i>33.40</i>	<i>20.00</i>
		<i>500</i>	<i>36.15</i>	<i>15.40</i>
		<i>600</i>	<i>38.45</i>	<i>11.50</i>
		<i>700</i>	<i>41.10</i>	<i>08.00</i>
		<i>800</i>	<i>46.00</i>	<i>12.04.00</i>
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*Current 1 1/2 knots NNE*



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Trawl hauled*

## REMARKS.

*Large mass of Coral. few crabs.  
Hydroids, sea anemones*

No. 2670 Date May 5<sup>th</sup> 1886  
Sigsbee Machine. 2 Reel.

Turns 258 Cor. + 22 Depth 280

~~Shot or lead~~ 35 lbs

Bottom gy. S. dd. Co.

Bottom temperature 44.8

No. of Thermometer 54821 Cor. - 3

Corrected temperature 44.5

Air 73 Surface 74 Drift.

Trawl or dredge or tangles Large beam

Current NNE, set

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

1 42.40	49.25	0	1.52.30	35.00
43.50	48.40	100	55.50	32.25
45.00	48.00	200	58.20	30.00
45.35	47.00	300	2.01. —	27.30
		400	.03.35	24.50
		500	06.40	22.15
		600	09.40	2.13.00
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net came up bottom first badly  
 torn, held by lead line, stop hauling  
 when twisted, frame bent

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*Few glass sponge*

567. Same position as 2670

No. 2671 Date May 5" 1886

Machine. Reel.

Turns Cor. + Depth 280

Shot or lead

Bottom gy S. dd lo.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 76 Surface 77 Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

2.45.30

31.50

100

48.25

26.25

200

51.15

23.30

300

53.20

21.-

400

57.20

18.10

500

3.00.10

3.15.00

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Tangles contained*  
 REMARKS.  
*Large amount of Coral*

No. 1013

Date 11/1/01

11 fathoms

Machine. 2 Reel.

Turns 258 Cor. + 22 Depth 280

Shot or lead 35 lb

Bottom oo gy S P

Bottom temperature 50.4

No. of Thermometer 521821 Cor. - 2

Corrected temperature 50.2

Air 76 Surface 77 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
25.35.35	25.35.35	0		
36.35.35	25.35.35	100		
37.25.35	25.35.35	200		
38.15.35	25.35.35	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2672 Date MaySigsbee Machine. 2 Reel.Turns 255 Cor. + 22 Depth 277~~Shot or lead~~ 35Bottom Co br ✓Bottom temperature 52.0No. of Thermometer 54821 Cor. - 2Corrected temperature 50.0Air 73 Surface 77 Drift 1/4 m. 7~~Trawl or dredge or tangles~~

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

52.00

0

55.3014.20

100

57.3041.10

200

59.0037.30

300

61.0034.30

400

62.3031.30

500

64.0028.30

600

65.3025.30

700

67.0022.30

800

68.3019.30

900

70.0016.30

1000

71.3013.30

1100

73.0010.30

1200

74.307.30

1300

76.004.30

1400

77.301.30

1500

79.000.30

1600

80.300.00

1700

82.000.00

1800

83.300.00

1900

85.000.00

2000

86.300.00

2100

88.000.00

2200

89.300.00

2300

91.000.00

2400

92.300.00



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2673 Date May 6<sup>th</sup> 1886  
 Sigbee Machine. 2 Reel.

Turns 220 Cor. + 20 Depth 240

Shot or lead 35 lbs.

Bottom gy. S. bk. Sp. Co.

Bottom temperature 51.8

No. of Thermometer 54821 Cor. 2

Corrected temperature 51.6

Air 72 Surface 77 Drift.  $\frac{1}{2}$  N E X E

Trawl or dredge or tangles Large beam

## SOUNDING WIRE.

## DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
A.M.				
5.02.00	09.25	0	5.17.15	03 15
03.05	08.30	100	19.40	6.00.40
04.30	07.30	200	21.30	58
		300	23.45	55—
		400	26.00	52 —
		500	28.20	49.50
		600	31.10	44.20
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net can be up working Net, the  
 lead line had parted.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No bottom specimens

*2674*

No. *2674*

Date

Machine. *2* Reel.

Turns *290* Cor. + *2.6* Depth *316*

Shot or lead *35-46*

Bottom

Bottom temperature *46.2*

No. of Thermometer *5-4821* Cor. - *2*

Corrected temperature *46.0*

Air *72* Surface *76* Drift. *1 1/2 m. 6.*

Trawl ~~or dredge or tangles~~ *Long 212*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>33</i>		0		<i>46.15</i>
	<i>46.05</i>	100		<i>46.10</i>
	<i>46.00</i>	200		<i>46.10</i>
	<i>45.55</i>	300	<i>32.05</i>	<i>45.50</i>
		400	<i>32.00</i>	<i>45.50.00</i>
		500	<i>32.00</i>	<i>45.35</i>
		600	<i>32.00</i>	<i>45.20</i>
		700	<i>32.00</i>	<i>45.15</i>
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

One Sea Anemone with hermit  
 Crab. One Large Sea Anemone  
 (Urticina) Seven small fish  
 sp. unknown

No. 2615Date May 11SigsbeeMachine. 2 Reel.Turns 301 Cor. + 26 Depth 327~~Shot or lead~~ 35 lbBottom gy. S bk. sp. sh. & l.Bottom temperature 46No. of Thermometer 54821 Cor. -2Corrected temperature 45.8Air 73 Surface 75 Drift, 1 m. E.Trawl or dredge or tangles Longline

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
	56.00	0	10-00.00	102-05
	55-05	100	10 02.30	57.15
50	54-55	200	11 04.55	56-30
51.55	54-50	300	10 07.20	53-50
		400	10 09.30	51.15
		500	10 11.40	48.50
		600	10 13.45	46.10
		700	10 15.55	43-55
		800	10 18.20	16-39.25
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Sea Anemones. Hermit crabs  
 small fish dead shells  
 abundance of material small

No. *26* Date *Aug 6 11.11**Sigsbee* Machine. *2* Reel.Turns *375* Cor. + *32* Depth *407*Shot or lead *35 lb*Bottom. *gy S gy sh.*Bottom temperature *26*No. of Thermometer *54821* Cor. - *2*Corrected temperature *45.8*Air *70* Surface *77* Drift *1/2 m* *Back*Trawl or dredge or tangles *Large B.*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>7.20.00</i>				
<i>7.20.30</i>	<i>15.30</i>	0	<i>2.1.30</i>	<i>15.30</i>
<i>08.30</i>	<i>14.50</i>	100	<i>2.1.45</i>	<i>15.15</i>
<i>09.00</i>	<i>14.10</i>	200	<i>2.2.00</i>	<i>15.00</i>
<i>10.35</i>	<i>13.20</i>	300	<i>2.2.15</i>	<i>14.45</i>
<i>11.30</i>	<i>12.45</i>	400	<i>2.2.30</i>	<i>14.30</i>
		500	<i>2.2.45</i>	<i>14.15</i>
		600	<i>3.7.30</i>	<i>14.00</i>
		700	<i>3.8.00</i>	<i>13.45</i>
		800		<i>13.30</i>
		900	<i>3.8.30</i>	<i>13.15</i>
		1000	<i>4.0.00</i>	<i>13.00</i>
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Contents of Trawl. Numerous fishes -  
 Physics, Cyathobrama, Muraena, Lysichthys,  
 Raja, etc. Quantities of Artibeus, & crabs.  
 Other Cephalopods. Shrimps. Penaeidae,

No. 277

Date

Machine. Reel.

Turns

Cor. + 31

Depth 78

~~Shot or lead~~

35 lb.

Bottom

fin Mud.

Bottom temperature

39.6

No. of Thermometer 54821

Cor. - 3

Corrected temperature

39.3

Air 75

Surface 78

Drift. N. 1/2 E.

~~Trawl or dredge or longline~~

L. 1/2 S. 1/2 E.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

2 36.28	15.25	0	2 36.28	37.45
1 37.28	14.25	100	5 1.50	35.10
1 38.28	13.25	200	5 4.25	32.50
1 39.28	12.35	300	5 7.00	30.25
1 40.28	11.55	400		28.00
1 41.28	11.15	500		25.45
		600	6 11.00	23.00
		700	6 1.30	20.15
		800	6 9.15	17.25
		900		14.5
		1000	13.40	11.00
		1100	16.10	08.00
		1200	18.40	05.00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

100 fathoms - 1 hake. 2 large crabs and  
several small crabs, also a few  
fishes - some crustaceans  
etc. etc.

No. 578 Date Feb 6 1881

Machine. S. Reel.

Turns 675 Cor. + 55 Depth 731

Shot or lead 35 lbs.

Bottom lt. gy. oz.

Bottom temperature 39

No. of Thermometer 54821 Cor. -3

Corrected temperature 38.7

Air 74 Surface 77 Drift. 1 m. 1.5 n.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

5.42.00	3.45	0	5.42.00	44.15
5.43.00	37.10	100	5.43.00	41.25
5.44.00	36.35	200	5.44.00	38.10
5.45.00	35.50	300	5.45.00	35.25
5.46.00	35.05	400	5.46.00	32.10
5.47.00	34.10	500	5.47.00	30.40
5.48.00	33.10	600	5.48.00	28.00
5.49.00	32.10	700	5.49.00	25.25
		800	6.00.00	23.15
		900	6.01.00	20.50
		1000	6.02.00	18.20
		1100	6.03.00	15.15
		1200	6.04.00	12.45
		1300	6.05.00	10.15
		1400	6.06.00	07.40
		1500	6.07.00	04.15
		1600	6.08.00	01.00
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1 Glass sponge - 1 sea spider  
and 3 Globellum

No. 2679 Date May 6

Machine. 2 Reel.

Turns 752 Cor. + 59

Depth 782

Shot or lead 35 lbs.

Bottom lt gy m

Bottom temperature 38.0

No. of Thermometer 5412.1 Cor. - 3

Corrected temperature 38.6

Air 72 Surface 75 Drift. 1/2 N. SIV

Trawl or dredge or tangles orange Beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

07.50	0	8 14 -	37.50
07.15	100	17.30	32.30
06.50	200	20.20	27.30
06.15	300	23.00	22.30
05.45	400	25.50	18.00
05.15	500	28.40	12.45
04.45	600	33.30	07.20
04.15	700	37.05	11.00 -
03.45	800	41.10	4.30
03.15	900	44.50	4.30
	1000	48.15	3.30
	1100	51.20	36.00
	1200	54.30	30.00
	1300	57.35	25.00
	1400	9 01 -	23.40
	1500	05.30	19.30
	1600	10.00	15.40
	1700	14.15	12.30
	1800	18.30	07.20
	1900	22.00	06.15
	2000	26.00	10.02.30
	2100		
	2200		
	2300		
	2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Flat surface. Ocean &  
 Hydrotherm. Determination  
 Cap. Cor. 1. 56.

557 *Am*

No. *2680* Date *Aug 16/50*  
*Logan* Machine. *2* Reel.

Turns *512* Cor. + *43* Depth *555*

Shot ~~or lead~~ *35 lb*

Bottom

Bottom temperature

No. of Thermometer *35221* Cor.

Corrected temperature

Air *75* Surface *73* Drift. *1/2 mi S 52 E*

Trawl or dredge or tangles *L B*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0	<i>2-27-30</i>	<i>16 00</i>
		100	<i>31-50</i>	<i>12.30</i>
		200	<i>37-35</i>	<i>09-30</i>
		300	<i>42 00</i>	<i>17-25</i>
		400	<i>45 30</i>	<i>03-00</i>
		500	<i>48 00</i>	<i>11-00-00</i>
		600	<i>51-45</i>	<i>55.00</i>
		700	<i>56-30</i>	<i>50.00</i>
		800	<i>01.00</i>	<i>45.10</i>
		900	<i>05.00</i>	<i>40.00</i>
		1000	<i>10.00</i>	<i>34.10</i>
		1100	<i>13-40</i>	<i>10-29-00</i>
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

*Handwritten notes in cursive script, mostly illegible due to fading and bleed-through. Visible fragments include:*  
*11. ...*  
*...*  
*...*  
*...*  
*...*  
*...*

No. 681 Date July 16<sup>th</sup> 1856Machine 2 Reel.Turns 116 Cor. + 74 Depth 990Shot or lead 35 lbBottom gn. 1stBottom temperature 38.5No. of Thermometer 51338 Cor. -3Corrected temperature 38.5Air 5 Surface 7.3 Drift. in. 1.5Trawl or dredge or tangles Large

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

12.35.00 2.00.00

100

11.02.00 3.00.00

200

06.30 34.25

300

10.15 30.00

400

14.15 28.20

500

18.00 26.30

600

21.45 24.30

700

27.00 10.30

800

31.00 15.30

900

34.40 11.00

1000

37.30 4.04.30

1100

40.35 5.2.00

1200

44.15 42.30

1300

48.35 37.00

1400

52.15 32.15

1500

56.15 3.27.00

1600

57.20 21.15

1700

2.00.00 3.17.00

1800

3.00.00 3.00.00

1900

3.00.00 3.00.00

2000

3.00.00 3.00.00

2100

3.00.00 3.00.00

2200

3.00.00 3.00.00

2300

3.00.00 3.00.00

2400

3.00.00 3.00.00

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*Halobatrachium* *nota* - *Leithneri*  
*Coryphaena* *serena* -  
*Melanurus* *monticola* - *C. ...*  
*Agave* *pyramidalis* *innocentiana*  
*... ..* *... ..*  
*...*

No. 512 Date July 14Machine. Sigsbee Reel.Turns 900 Cor. 1 Depth 1004Shot or lead 35 lbBottom gy. m. s.Bottom temperature 38.5No. of Thermometer 2731 Cor. - .3Corrected temperature 38.2Air 75 Surface 73 Drift. 1 1/2 S 87 ETrawl or dredge or tangles Long Beach

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
	<u>22.15</u>	0	<u>5.10</u>	<u>26.50</u>
<u>40</u>	<u>21.45</u>	100	<u>5.20</u>	<u>23.50</u>
<u>80</u>	<u>21.15</u>	200	<u>5.30</u>	<u>20.15</u>
	<u>20.45</u>	300	<u>5.40</u>	<u>16.50</u>
	<u>20.15</u>	400	<u>5.50</u>	<u>13.10</u>
<u>120</u>	<u>19.45</u>	500	<u>6.00</u>	<u>08.00</u>
<u>160</u>	<u>19.15</u>	600	<u>6.10</u>	<u>04.30</u>
	<u>18.50</u>	700	<u>6.20</u>	<u>01.10</u>
	<u>18.15</u>	800	<u>6.30</u>	
<u>200</u>	<u>17.45</u>	900	<u>6.40</u>	
<u>240</u>	<u>17.15</u>	1000	<u>6.50</u>	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put over surface net at  
 8:35  
 Put in surface net at 9:13

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

The surface net was hauled in at 9:13 and the bottom was found to be soft mud. The net was then hauled in at 9:13 and the bottom was found to be soft mud.

No. 2615 Date 1905

Machine. Reel.

Turns 820 Cor. + 67 Depth 887

Shot or lead 35 lb

Bottom br. g.

Bottom temperature 39.

No. of Thermometer 3738 Cor. - .3

Corrected temperature 38.7

Air 73 Surface 71 Drift. 1.0 1.0

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
21. 30. 00	57. 00	0	57. 04. 30	
32. 00	56. 00	100	1. 01. 00	
33. 00	55. 20	200		
36. 00	54. 30	300		
37. 30	53. 11	400	23. 00	31. 00
39. 30	52. 15	500	27. 00	28. 00
41. 00	51. 30	600		
41. 50	50. 30	700		
44. 00	49. 30	800		
		900		
		1000		
		1100		
		1200		
		1300		5. 30
		1400		
		1500	03. 10	7 00. 00
		1600	34. 00	56. 2
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Surface temperature 25.00, 26.00, 27.00, 28.00, 29.00, 30.00, 31.00, 32.00, 33.00, 34.00, 35.00, 36.00, 37.00, 38.00, 39.00, 40.00.*

No. *3521* Date *July 17 1886*  
*5100* Machine. *24* Reel.  
 Turns *1025* Cor. + *81* Depth *1106*  
 Shot or lead *35*  
 Bottom *39.*  
 Bottom temperature *14.8 14.8*  
 No. of Thermometer *5038* Cor. *3*  
 Corrected temperature *38.7*  
 Air *73* Surface *72* Drift. *0.0 0.0*  
 Trawl or dredge or longline *Longline*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>7.00.00</i>	<i>10.00</i>	0	<i>8.18.45</i>	<i>50.00</i>
<i>45.15</i>	<i>09.00</i>	100	<i>24.30</i>	<i>46.10</i>
<i>46.25</i>	<i>08.10</i>	200	<i>30.45</i>	<i>43.30</i>
<i>47.30</i>	<i>07.15</i>	300	<i>35.45</i>	<i>40.10</i>
<i>48.15</i>	<i>06.20</i>	400	<i>38.45</i>	<i>37.50</i>
<i>50.10</i>	<i>05.30</i>	500	<i>41.45</i>	<i>34.00</i>
<i>52.10</i>	<i>04.20</i>	600	<i>45.00</i>	<i>31.00</i>
<i>53.00</i>	<i>03.15</i>	700	<i>49.15</i>	<i>28.00</i>
<i>4.15</i>	<i>02.15</i>	800	<i>52.30</i>	<i>24.45</i>
<i>55.45</i>	<i>01.05</i>	900	<i>55.10</i>	<i>21.45</i>
<i>57.30</i>	<i>59.45</i>	1000	<i>58.00</i>	<i>18.15</i>
<i>58.00</i>	<i>59.30</i>	1100	<i>9.01.30</i>	<i>15.30</i>
		1200	<i>04.15</i>	<i>12.15</i>
		1300	<i>07.15</i>	<i>08.40</i>
		1400	<i>10.05</i>	<i>05.00</i>
		1500	<i>14.30</i>	<i>11.01.10</i>
		1600	<i>17.20</i>	<i>57.15</i>
		1700	<i>20.30</i>	<i>53.10</i>
		1800	<i>24.00</i>	<i>48.45</i>
		1900	<i>27.45</i>	<i>44.20</i>
		2000	<i>31.00</i>	<i>40.00</i>
		2100	<i>48.15</i>	<i>36.00</i>
		2200	<i>52.00</i>	<i>10.32.00</i>
		2300		
		2400		





No. *1055* Date *July 11 1880*  
*Sigsbee* Machine. *T* Reel.

Turns *055* Cor. *85* Depth *1127*

Shot or lead *35 lbs*

Bottom *gn. M. wh. sp.*

Bottom temperature *38.2*

No. of Thermometer *5538* Cor. *- 3*

Corrected temperature *37.9*

Air *73* Surface *73* Drift. *2 m. S.*

Trawl or dredge or tangles *Sigsbee*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1.59. —	54.00
		100	2.05.10	50.30
		200	11.50	48.00
		300	15.00	45.15
		400	18.25	42.20
		500	21.30	39.35
		600	24.15	37.00
		700	27.00	34.25
		800	30.00	31.50
		900	33.05	29.00
		1000	36.15	26.10
		1100	39.40	23.15
		1200	42.50	20.15
		1300	46.00	17.25
		1400	48.50	14.25
		1500	51.45	11.30
		1600	55.00	09.00
		1700	58.45	06.40
		1800	3.02.30	03.30
		1900	05.30	4.00.45
		2000	09.00	3.55.00
		2100		
		2200		
		2300		
		2400		

Put over surface net  
at 6.30.  
Hauled in at 7.45

Put over surface net  
at 7.18  
Hauled in at 8.7.48

Put over surface net at 8.45

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
	Surface 71.			
25	54.3	54823	-1	53.2
50	54	53738	-2	52.8
100	52.4	50306	-2	50.2
200	46.1	52312	-3	43.8
300	41.6	52732	-2	39.4
400	40.4	53738	-3	37.1
500	39.1	54822	-4	35.7
600	39.2	54823	-1	38.1
700		54821		
800	38.2	54819	-5	33.7
900		57258		
1000	37	54824	-5	32.5

# REMARKS.

Lepidoc, Fibraurum asper  
Halosporophorus, Plectonurus  
Coryphocentrus, Parapion  
Id. etc.

No. 1045.1014 Date July 15 1881

Sigsbee Machine. 2 Reel.

Turns 53 Cor. + 5 Depth 58

Shot or lead 35 lbs.

Bottom br. S. sh.

Bottom temperature 53.3

No. of Thermometer 54820 Cor. -.2

Corrected temperature 53.1

Air 72 Surface 71 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3 55 30

0 1

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1015* Date *1881**Sigsbee* Machine. *2* Reel.Turns *52* Cor. *+ 10* Depth *1' 0*Shot or lead *35 lbs.*Bottom *gn. M*Bottom temperature *51.2*No. of Thermometer *5450* Cor. *- .2*Corrected temperature *51.0*Air *72* Surface *71* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>3.43.00</i>	<i>3.49.00</i>	0		
<i>44.20</i>		100		
<i>44.30</i>		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *5267* Date *July 1, 1887*Machine. *3* Reel.Turns *50* Cor. + *17* Depth *67*Shot or lead *35 lbs.*Bottom *gn. M.*Bottom temperature *43.3*No. of Thermometer *54820* Cor. *- .2*Corrected temperature *43.1*Air *72* Surface *71* Drift. *5 min. line*Trawl or dredge or tangles *La. ...*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1-10.40</i>	<i>2-4.50</i>	0	<i>1-3.00</i>	<i>2-1.00</i>
<i>2-15</i>	<i>3-5.00</i>	100	<i>3-15</i>	<i>3-2.00</i>
<i>3-30</i>	<i>4-5.10</i>	200	<i>4-30</i>	<i>4-3.5</i>
		300	<i>5-15</i>	<i>5-30</i>
		400	<i>6-15</i>	<i>6-15</i>
		500	<i>7-00</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

2 sp. *Urticina* - 2 sp. *Ophiura*  
*Pectopus* - 1 squid - 2 worm-like  
*Archidia*

No. *145016* Date *Dec 1 1880*Machine. *C* Reel.Turns *200* Cor. + *18* Depth *218*Shot or lead *35 lbs.*Bottom *gn. M.*Bottom temperature *43.*No. of Thermometer *4410* Cor. - *2*Corrected temperature *43.7*Air *73* Surface *72* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*5 45.45* *3000*

0

*25 00* *3100*

100

*26 20* *530.30*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567

No. *518* Date *July 11 1881*

*Sigsbee* Machine. *B* Reel.

Turns *300* Cor. + *26* Depth *326*

Shot or lead *35 lbs.*

Bottom *gn. sb.*

Bottom temperature *40.4*

No. of Thermometer *54110* Cor. - *2*

Corrected temperature *40.2*

Air *73* Surface *72* Drift. *3/1 1/1*

Trawl or dredge or tangles *2*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*6.01.00* *08.15*  
*01.55* *07.30*  
*03.00* *06.30*  
*04.25* *05.20*

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

*6.12.-* *14.00*  
*17.15* *11.00*  
*19.25* *09.00*  
*21.30* *07.00*  
*26.00* *03.40*  
*28.30* *7.01.00*  
*30.15* *6.57.00*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

*Margarites - Stacia - Horn  
tubes - Strophaster - Sea urchin -  
Foraminifera*

No. 5017 Date July 15, 1905Machine. 2 Reel.Turns 591 Cor. + 50 Depth 641Shot or lead 35Bottom gn. M.Bottom temperature 38.5No. of Thermometer 54550 Cor. - 2Corrected temperature 38.6Air 73 Surface 71 Drift. / <sup>m</sup> SWXWTrawl or dredge or tangles Large Beam

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5.52.30	11.50	0	5.53.30	57.00
5.54.30	11.00	100	20.45	56.20
5.56.30	10.10	200	23.45	53.35
5.58.00	9.25	300	26.45	51.00
5.59.30	8.45	400	30.00	48.15
6.01.30	8.05	500	33.00	45.35
6.03.30	7.25	600	36.00	43.00
		700	39.00	40.05
		800	42.00	37.10
		900	45.00	34.20
		1000	48.00	31.30
		1100	51.30	29.00
		1200	54.30	25.30
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

few *Theraps*, *Sardin* 2  
*Synaptobranchus* 1  
*Stenopus* 1

No. 2689 Date July 18<sup>th</sup> 1886  
*Signature* Machine. S Reel.  
 Turns 484 Cor. 41 Depth 525  
~~Shot or lead~~ 35.65  
 Bottom gn. M.  
 Bottom temperature 39  
 No. of Thermometer 54820 Cor. - .2  
 Corrected temperature 38.8  
 Air 73 Surface 72 Drift. 2<sup>m</sup> NW.  
 Trawl or dredge or tangles L.B.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.01.00	15.00	0	10 18 00	05.30
.01 55	14.55	100	22.10	12.02.35
03.00	12.45	200	25.15	59.50
04.00	10.40	300	28.30	57.50
05.05	09.10	400	31.30	53.45
06 00	08.05	500	34.30	51.15
		600	37.30	48.30
		700	40.40	45.50
		800	43.40	43.15
		900	46.50	40.45
		1000	49.15	37.45
		1100	52.45	34.00
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Net came up badly torn; no specimens



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2690 Date July 18<sup>th</sup> 1886  
*Sigsbee* Machine. 2 Reel.

Turns 593 Cor. + 50 Depth 643

~~Shot or lead~~ 35 lbs.

Bottom gn. M.

Bottom temperature 39°

No. of Thermometer 54820 Cor. - 2

Corrected temperature 36°2

Air 75 Surface 73 Drift. 1<sup>m</sup> SW

Trawl or dredge or tangle L. B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>12.52.15</u>	<u>06.05</u>	0	<u>1.12.15</u>	<u>43.50</u>
<u>53.10</u>	<u>04.55</u>	100	<u>19.00</u>	<u>26.15</u>
<u>54.10</u>	<u>04.10</u>	200	<u>23.30</u>	<u>23.00</u>
<u>55.10</u>	<u>03.10</u>	300	<u>27.15</u>	<u>19.30</u>
<u>56.15</u>	<u>02.20</u>	400	<u>30.45</u>	<u>15.45</u>
<u>57.30</u>	<u>01.20</u>	500	<u>34.25</u>	<u>12.15</u>
<u>58.45</u>	<u>1.00.15</u>	600	<u>37.45</u>	<u>08.25</u>
		700	<u>41.05</u>	<u>3.03.30</u>
		800	<u>44.15</u>	<u>59.15</u>
		900	<u>47.30</u>	<u>55.15</u>
		1000	<u>51.10</u>	<u>50.45</u>
		1100	<u>55.00</u>	<u>45.45</u>
		1200	<u>2.00.00</u>	<u>41.15</u>
		1300	<u>04.30</u>	<u>2.36.00</u>
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Trawl continued  
*Macrurus* Baedie, many  
*Limulus* *flavus*  
*Callinectes* *limbatus*  
*Libinia* *duRoi*  
*Stomatopoda* *viridis* *Shrimps*  
*Stomatopoda* *viridis* *Stomatopoda*

No. *2691* Date *July 18, 1886**Sigsbee* Machine. *3* Reel.Turns *122* Cor. + *63* Depth *855*~~Shot or lead~~ *35 lb*Bottom *gy. m. bk.*Bottom temperature *38.8*No. of Thermometer *54820* Cor. - *2*Corrected temperature *38.6*Air *75* Surface *73* Drift. *1 1/2 m. 1718*

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>31.20</i>	<i>29.25</i>	0	<i>35.10</i>	<i>38.20</i>
<i>32.10</i>	<i>28.35</i>	100	<i>36.10</i>	<i>35.20</i>
<i>33.00</i>	<i>27.45</i>	200	<i>37.10</i>	<i>32.20</i>
<i>34.00</i>	<i>26.55</i>	300	<i>38.10</i>	<i>29.20</i>
<i>35.00</i>	<i>26.05</i>	400	<i>39.10</i>	<i>26.20</i>
<i>36.00</i>	<i>25.15</i>	500	<i>40.10</i>	<i>23.20</i>
<i>37.00</i>	<i>24.25</i>	600	<i>41.10</i>	<i>20.20</i>
<i>38.00</i>	<i>23.35</i>	700	<i>42.10</i>	<i>17.20</i>
<i>39.00</i>	<i>22.45</i>	800	<i>43.10</i>	<i>14.20</i>
<i>40.00</i>	<i>21.55</i>	900	<i>44.10</i>	<i>11.20</i>
		1000	<i>45.10</i>	<i>8.20</i>
		1100	<i>46.10</i>	<i>5.20</i>
		1200	<i>47.10</i>	<i>2.20</i>
		1300	<i>48.10</i>	
		1400	<i>49.10</i>	
		1500	<i>50.10</i>	
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	54.4	52752	-.3	54.1
50	55.5	54520	-.2	55.3
100	52.8	541823	-.1	52.7
200	45.5	54822	-.4	44.6
300	41.5	53738	-.3	41.2
400	40.4	52205	-.4	39.8
500	40.0	54824	-.1	39.9
600				
700				
800				
900				
1000				

## REMARKS.

1. No. 1000 used  
 2. No. 1000 used  
 3. No. 1000 used  
 4. No. 1000 used

No. *405* Date *Aug 25**Reel* Machine. *2* Reel.Turns *2083* Cor. + *141* Depth *2224*Shot or lead *60 lbs.*Bottom *br. O. G.*Bottom temperature *37.5*No. of Thermometer *54824* Cor. *-8*Corrected temperature *36.7*Air *68* Surface *75* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>10 30</i>				
<i>10 30</i>	<i>10 30</i>	0		
<i>10 35</i>	<i>10 35</i>	100		
<i>10 40</i>	<i>10 40</i>	200		
<i>10 45</i>	<i>10 45</i>	300		
<i>10 50</i>	<i>10 50</i>	400		
<i>10 55</i>	<i>10 55</i>	500		
<i>11 00</i>	<i>11 00</i>	600		
<i>11 05</i>	<i>11 05</i>	700		
<i>11 10</i>	<i>11 10</i>	800		
<i>11 15</i>	<i>11 15</i>	900		
<i>11 20</i>	<i>11 20</i>	1000		
<i>11 25</i>	<i>11 25</i>	1100		
<i>11 30</i>	<i>11 30</i>	1200		
<i>11 35</i>	<i>11 35</i>	1300		
<i>11 40</i>	<i>11 40</i>	1400		
<i>11 45</i>	<i>11 45</i>	1500		
<i>11 50</i>	<i>11 50</i>	1600		
<i>11 55</i>	<i>11 55</i>	1700		
<i>12 00</i>	<i>12 00</i>	1800		
<i>12 05</i>	<i>12 05</i>	1900		
<i>12 10</i>	<i>12 10</i>	2000		
<i>12 15</i>	<i>12 15</i>	2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1018* Date *Aug. 3<sup>rd</sup> 1885*  
*Sigsbee* Machine. 2 Reel.  
 Turns *2785* Cor. + *160* Depth *2945*  
 Shot ~~or lead~~ *60 lbs.*  
 Bottom *br gy oz*  
 Bottom temperature *37*  
 No. of Thermometer *54824* Cor. - *8*  
 Corrected temperature *36.2*  
 Air *68* Surface *71* Drift.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6 12 30	2 12 5	0		
23 00	3 12 5	100		
24 45	1 12 5	200		
25 45	18 12 0	300		
27 00	17 35	400		
28 30	16 35	500		
30 00	15 35	600		
31 30	14 35	700		
33 00	13 35	800		
34 30	12 35	900		
35 45	11 10	1000		
37 00	10 10	1100		
38 00	08 40	1200		
39 30	07 45	1300		
41 00	06 10	1400		
42 30	04 00	1500		
44 00	03 30	1600		
45 45	02 05	1700		
47 20	01 30	1800		
48 45	00 45	1900		
51 30	57 30	2000		
7 16 10	56 00	2100		
13 10	54 55	2200		
21 00	52 45	2300		
24 00	50 00	2400		



2. 28,00		2500	
30,50	11,20	2600	
33,30	11,20	2700	
36,55	7,00	2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1108  
6567

No. 1010 Date *June 11 1886*  
*Sigsbee* Machine. 2. Reel.

Turns *2500* Cor. + *150* Depth *2650*

Shot or lead *60 lbs.*

Bottom *gy. & br. O.*

Bottom temperature *38*

No. of Thermometer *54124* Cor. *- .7*

Corrected temperature *37.3*

Air *06* Surface *23* Drift.

Trawl or dredge or tangles *none*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.00.00</i>	<i>09.20</i>	<i>0</i>		
<i>00.50</i>	<i>08.15</i>	<i>100</i>		
<i>01.40</i>	<i>07.10</i>	<i>200</i>		
<i>02.50</i>	<i>06.20</i>	<i>300</i>		
<i>3.50</i>	<i>05.15</i>	<i>400</i>		
<i>05.00</i>	<i>04.10</i>	<i>500</i>		
<i>06.15</i>	<i>03.00</i>	<i>600</i>		
<i>07.20</i>	<i>01.55</i>	<i>700</i>		
<i>08.30</i>	<i>2.00.45</i>	<i>800</i>		
<i>09.40</i>	<i>59.30</i>	<i>900</i>		
<i>10.55</i>	<i>58.20</i>	<i>1000</i>		
<i>12.00</i>	<i>57.50</i>	<i>1100</i>		
<i>13.20</i>	<i>55.40</i>	<i>1200</i>		
<i>14.30</i>	<i>54.30</i>	<i>1300</i>		
<i>16.00</i>	<i>53.15</i>	<i>1400</i>		
<i>17.25</i>	<i>51.45</i>	<i>1500</i>		
<i>18.50</i>	<i>50.10</i>	<i>1600</i>		
<i>20.15</i>	<i>48.45</i>	<i>1700</i>		
<i>21.30</i>	<i>47.15</i>	<i>1800</i>		
<i>23.00</i>	<i>45.20</i>	<i>1900</i>		
<i>24.35</i>	<i>44.00</i>	<i>2000</i>		
<i>26.20</i>	<i>42.30</i>	<i>2100</i>		
<i>28.00</i>	<i>41.10</i>	<i>2200</i>		
<i>30.02</i>	<i>39.45</i>	<i>2300</i>		
<i>32.00</i>	<i>1.38.30</i>	<i>2400</i>		

1. 36 0.7

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1520 Date June 14

Sigsbee Machine. 2 Reel.

Turns 2191. Cor. + 146 Depth 2337

Shot on land 60 lbs.

Bottom Gr. B. oz. + S.

Bottom temperature

No. of Thermometer 54824. Cor.

Corrected temperature

Air 67 Surface 73 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

6.40.30	1.0.5	0
41.30	39.5	100
		200
43.30	37.5	300
44.30	36.5	400
45.40	35.40	500
46.45	34.5	600
47.55	33.5	700
49.10	32.25	800
50.30	31.20	900
51.45	30.00	1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1021* Date *August 4<sup>th</sup> 1886*  
*Signature* Machine. *2* Reel.

Turns *792* Cor. *1* Depth *1919*

Shot ~~or lead~~ *60 lbs*

Bottom *ll-br Oq.*

Bottom temperature *38*

No. of Thermometer *54824* Cor. *1*

Corrected temperature *37.5* *cur*

Air *76* Surface *67* Drift. *N. W. 1/2 K*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.20</i>		0		
<i>1.25</i>		100		
<i>1.35</i>		200		
<i>1.45</i>		300		
<i>1.55</i>		400		
<i>2.05</i>		500		
	<i>3</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
	<i>5.15</i>	1400		
	<i>5.25</i>	1500		
	<i>5.35</i>	1600		
		1700		
	<i>5.45</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1022* Date *August 4<sup>th</sup> 1886*  
*Sigsbee* Machine. *2* Reel.

Turns *1805* Cor. + *127* Depth *1932*

Shot or lead *60 lb*

Bottom *lt. br. O*

Bottom temperature *38.4*

No. of Thermometer *54824* Cor. - "

Corrected temperature *37.7*

Air *75* Surface *75* *cur.* Drift. *NW. 1 Kc*

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>1.50.00</i>	<i>36.10</i>	0		
<i>51.30</i>	<i>35.20</i>	100		
<i>52.25</i>	<i>34.45</i>	200		
<i>53.30</i>	<i>34.00</i>	300		
<i>54.30</i>	<i>33.05</i>	400		
<i>55.45</i>	<i>32.15</i>	500		
<i>57.00</i>	<i>31.20</i>	600		
<i>58.20</i>	<i>30.20</i>	700		
<i>59.30</i>	<i>29.30</i>	800		
<i>2.01.00</i>	<i>28.30</i>	900		
<i>02.15</i>	<i>27.30</i>	1000		
<i>03.30</i>	<i>26.30</i>	1100		
<i>04.50</i>	<i>25.25</i>	1200		
<i>06.05</i>	<i>24.25</i>	1300		
<i>07.25</i>	<i>23.15</i>	1400		
<i>08.45</i>	<i>22.00</i>	1500		
<i>10.00</i>	<i>20.35</i>	1600		
<i>11.50</i>	<i>19.15</i>	1700		
<i>13.15</i>	<i>18.00</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1023* Date *August 4<sup>th</sup> 1886*  
*Signature* Machine. *2* Reel.

Turns *1840* Cor. *129* Depth *1969*

Shot ~~or lead~~ *60 lbs*

Bottom *lt. br. Oz*

Bottom temperature *38*

No. of Thermometer *54824* Cor. *1.2*

Corrected temperature *37.3*

Air *68* Surface *69*

Cur. *NE, 1/2*  
 Drift. *NE, 1/2*

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>3 04.40</i>	<i>03.05</i>	0		
<i>05.50</i>	<i>02.20</i>	100		
<i>07.00</i>	<i>01.30</i>	200		
<i>08.35</i>	<i>4.00.50</i>	300		
<i>09.15</i>	<i>4.00.00</i>	400		
<i>10.15</i>	<i>57.15</i>	500		
<i>11.30</i>	<i>56.05</i>	600		
<i>12.45</i>	<i>57.05</i>	700		
<i>14.15</i>	<i>56.00</i>	800		
<i>15.30</i>	<i>55.00</i>	900		
<i>16.45</i>	<i>53.50</i>	1000		
<i>18.00</i>	<i>52.40</i>	1100		
<i>19.20</i>	<i>51.30</i>	1200		
<i>20.35</i>	<i>50.15</i>	1300		
<i>22.00</i>	<i>49.00</i>	1400		
<i>23.20</i>	<i>47.35</i>	1500		
<i>24.40</i>	<i>46.15</i>	1600		
<i>28.10</i>	<i>44.45</i>	1700		
<i>30.00</i>	<i>3.43.30</i>	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1825*Date *July 21 1881*Machine, *2* Reel.Turns *1850* Cor. + *130*Depth *1980*Shot ~~or lead~~ *60 lb*Bottom *lt. br. G.*Bottom temperature *38-*No. of Thermometer *54020* Cor. *1*Corrected temperature *37.3*Air *61* Surface *64* Drift.

Trawl or dredge or tangles

*an E. 30 1. N*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
<i>37.20</i>	<i>24.00</i>	200		
<i>38.20</i>	<i>23.00</i>	300		
<i>39.25</i>	<i>22.00</i>	400		
<i>40.30</i>	<i>21.00</i>	500		
<i>41.45</i>	<i>20.00</i>	600		
<i>42.50</i>	<i>19.00</i>	700		
<i>44.00</i>	<i>18.00</i>	800		
<i>45.05</i>	<i>16.30</i>	900		
<i>46.15</i>	<i>15.05</i>	1000		
<i>47.20</i>	<i>13.45</i>	1100		
<i>49.00</i>	<i>12.40</i>	1200		
<i>50.40</i>	<i>10.00</i>	1300		
<i>52.30</i>	<i>18.15</i>	1400		
<i>54.15</i>	<i>06.45</i>	1500		
<i>55.50</i>	<i>05.15</i>	1600		
<i>57.35</i>	<i>04.00</i>	1700		
<i>59.20</i>	<i>02.30</i>	1800		
<i>5.00 30</i>	<i>5 01 30</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 *507*No. *1115* Date *Aug - 21**Sigsbee* Machine. *2* Reel.Turns *1865* Cor. + *131* Depth *1996*Shot or lead *60 lb*Bottom *lt. br. Oz.*Bottom temperature *54.824*No. of Thermometer *54824* Cor.

Corrected temperature

Air *65* Surface *66* Drift.Trawl or dredge or tangles *Cur E 1/2*

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
<i>02.30</i>	<i>53.30</i>	<i>0</i>		
<i>03.25</i>	<i>52.30</i>	<i>100</i>		
<i>04.15</i>	<i>51.30</i>	<i>200</i>		
<i>05.20</i>	<i>50.30</i>	<i>300</i>		
<i>06.13.02</i>	<i>49.30</i>	<i>400</i>		
<i>07.05</i>	<i>48.30</i>	<i>500</i>		
<i>08.10</i>	<i>46.40</i>	<i>600</i>		
<i>09.35</i>	<i>45.30</i>	<i>700</i>		
<i>10.105</i>	<i>44.20</i>	<i>800</i>		
<i>11.30</i>	<i>43.25</i>	<i>900</i>		
<i>12.50</i>	<i>41.45</i>	<i>1000</i>		
<i>14.30</i>	<i>40.35</i>	<i>1100</i>		
<i>16.10</i>	<i>39.20</i>	<i>1200</i>		
<i>17.40</i>	<i>37.55</i>	<i>1300</i>		
<i>19.15</i>	<i>36.35</i>	<i>1400</i>		
<i>20.40</i>	<i>35.15</i>	<i>1500</i>		
<i>22.10</i>	<i>33.40</i>	<i>1600</i>		
<i>23.40</i>	<i>32.10</i>	<i>1700</i>		
<i>25.15</i>	<i>30.30</i>	<i>1800</i>		
<i>26.25</i>	<i>29.20</i>	<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

567. *QAM*

No. *1251* Date *Aug 22 1896*  
 Machine. *2* Reel.

Turns *1892* Cor. + *133* Depth *2025*

Shot or lead *60*

Bottom *lt. br. Oz.*

Bottom temperature *37.*

No. of Thermometer *5422* Cor. *- 8*

Corrected temperature *31.2*

Air *65* Surface *65* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

		0
<i>38.15</i>	<i>24.35</i>	100
<i>39.55</i>	<i>23.55</i>	200
<i>41.15</i>	<i>23.10</i>	300
<i>42.55</i>	<i>22.50</i>	400
<i>43.50</i>	<i>21.25</i>	500
<i>45.55</i>	<i>20.45</i>	600
<i>46.45</i>	<i>19.25</i>	700
<i>48.05</i>	<i>18.15</i>	800
<i>49.30</i>	<i>17.10</i>	900
<i>50.55</i>	<i>16.05</i>	1000
<i>52.15</i>	<i>15.00</i>	1100
<i>53.35</i>	<i>13.45</i>	1200
<i>55.00</i>	<i>12.30</i>	1300
<i>56.20</i>	<i>11.15</i>	1400
<i>57.40</i>	<i>10.05</i>	1500
<i>59.10</i>	<i>09.00</i>	1600
<i>01.30</i>	<i>07.15</i>	1700
<i>02.20</i>	<i>06.00</i>	1800
<i>03.30</i>	<i>04.30</i>	1900
		2000
		2100
		2200
		2300
		2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1102 Date Aug 21

Sigsbee Machine. 2 Reel. 1

Turns 2033 Cor. + 1.33 Depth 2033

Shot or lead 60 lbs.

Bottom gy. s.

Bottom temperature 37.1

No. of Thermometer 5422 Cor. - .8

Corrected temperature 36.3

Air 66 Surface 65 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

25.45

20.50

19.55

18.55

17.55

16.55

15.55

14.55

13.55

12.55

11.55

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1028* Date *June 15 1881*  
*Machine. 2 Reel.*

Turns *1920* Cor. + *154* Depth *2074*

Shot or lead *60 lb.*

Bottom *br. O.*

Bottom temperature *37*

No. of Thermometer *54852* Cor. *-.8*

Corrected temperature *36.2*

Air *65* Surface *66* Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

# DREDGE ROPE.

DOWN.	UP.	TURNS.
<i>1 03.00</i>	<i>04.20</i>	0
<i>04.20</i>	<i>03.20</i>	100
<i>05.25</i>	<i>02.30</i>	200
<i>06.30</i>	<i>01.35</i>	300
<i>07.30</i>	<i>00.45</i>	400
<i>08.15</i>		500
	<i>58.30</i>	600
<i>10.35</i>		700
<i>11.35</i>		800
<i>12.50</i>	<i>55.00</i>	900
<i>14.10</i>	<i>52.50</i>	1000
<i>15.35</i>	<i>50.50</i>	1100
<i>17.10</i>	<i>48.50</i>	1200
<i>18.30</i>	<i>46.50</i>	1300
	<i>45.00</i>	1400
	<i>43.10</i>	1500
<i>22.30</i>	<i>41.05</i>	1600
<i>24.00</i>	<i>39.10</i>	1700
<i>26.00</i>	<i>37.10</i>	1800
<i>27.10</i>	<i>35.00</i>	1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hy. 1029* Date *Aug. 5 1886**Sigsbee* Machine. *2* Reel.Turns *1803* Cor. *+* *127* Depth *1930*Shot or lead *60 lbs*Bottom *lt. br. Sg. & S.*Bottom temperature *35*No. of Thermometer *55, 52* Cor. *- .8*Corrected temperature *36.2*Air *65* Surface *66* Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>3.11.30</i>	<i>57.50</i>	<i>0</i>		
<i>12.40</i>	<i>57.00</i>	<i>100</i>		
<i>13.50</i>	<i>56.15</i>	<i>200</i>		
<i>14.50</i>	<i>55.25</i>	<i>300</i>		
<i>6.00</i>	<i>54.30</i>	<i>400</i>		
<i>17.05</i>	<i>53.30</i>	<i>500</i>		
<i>18.10</i>	<i>52.40</i>	<i>600</i>		
<i>19.20</i>	<i>51.30</i>	<i>700</i>		
<i>20.30</i>	<i>50.30</i>	<i>800</i>		
<i>21.40</i>	<i>49.20</i>	<i>900</i>		
<i>23.00</i>	<i>48.05</i>	<i>1000</i>		
	<i>46.45</i>	<i>1100</i>		
	<i>45.30</i>	<i>1200</i>		
	<i>44.05</i>	<i>1300</i>		
	<i>42.50</i>	<i>1400</i>		
	<i>41.30</i>	<i>1500</i>		
	<i>40.15</i>	<i>1600</i>		
	<i>38.55</i>	<i>1700</i>		
	<i>37.30</i>	<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*4.11.1886*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 45130 Date Aug. 5<sup>th</sup> 1878Signature Machine. 2 Reel.Turns 1848 Cor. + 130 Depth 1978Shot or lead 60 lb.Bottom St. br. gy. S.Bottom temperature 34.1No. of Thermometer 54824 Cor. - 8Corrected temperature 86.2Air 64 Surface 63 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

445.00	33.30	0		
46.15	32.40	100		
47.20	31.55	200		
48.25	31.05	300		
49.35	30.10	400		
50.45	29.10	500		
52.00	28.05	600		
53.15	27.00	700		
54.35	25.35	800		
55.55	24.25	900		
57.15	23.20	1000		
58.30	21.55	1100		
59.45	20.30	1200		
5.01.05	19.15	1300		
02.25	17.45	1400		
03.45	16.10	1500		
05.05	14.30	1600		
06.30	12.55	1700		
08.00	5.11.00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE;

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 1031* Date *Aug. 5<sup>th</sup> 1886*  
*Sigsbee* Machine. *2* Reel.

Turns *1900* Cor. *133* Depth *2033*

Shot or lead *60 lb*

Bottom *gy. m. s. 4*

Bottom temperature *37<sup>1</sup>*

No. of Thermometer *548* Cor. *-.8*

Corrected temperature *36.3*

Air *62* Surface *64* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>22.00</i>	<i>17.00</i>	0		
<i>23.30</i>	<i>15.55</i>	100		
<i>24.45</i>	<i>15.10</i>	200		
<i>26.00</i>	<i>14.20</i>	300		
<i>27.10</i>	<i>13.50</i>	400		
<i>28.25</i>	<i>12.35</i>	500		
<i>29.40</i>	<i>11.20</i>	600		
<i>30.50</i>	<i>10.20</i>	700		
<i>32.10</i>	<i>09.00</i>	800		
<i>33.20</i>	<i>07.40</i>	900		
<i>34.45</i>	<i>06.20</i>	1000		
<i>35.55</i>	<i>05.00</i>	1100		
<i>37.15</i>	<i>03.45</i>	1200		
<i>38.40</i>	<i>02.00</i>	1300		
<i>40.20</i>	<i>7.00.20</i>	1400		
<i>41.40</i>	<i>58.30</i>	1500		
<i>43.20</i>	<i>56.30</i>	1600		
<i>45.00</i>	<i>54.30</i>	1700		
<i>46.45</i>	<i>52.30</i>	1800		
<i>48.30</i>	<i>50.00</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hyd 1032 Date Aug. 5<sup>th</sup> 1886Machine. S Reel.Turns 1940 Cor. + 129 Depth 2069Shot or lead 60 lbBottom br. Oz.Bottom temperature 37No. of Thermometer 52182 Cor. -8Corrected temperature 36.2Air 62 Surface 64 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8, 10, 30		0		
20 30		100		
21-20		200		
22, 15		300		
23 15		400		
24, 15		500		
25, 00		600		
26, 00		700		
27 00	1-11-20	800		
28 00		900		
29 00		1000		
30 20		1100		
31-35		1200		
32, 45		1300		
34, 00		1400		
35, 15		1500		
36 20		1600		
37, 45		1700		
39 00		1800		
40-20		1900		
41-00		2000		

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 100 Date 10/10/00

Machine. 2 Reel.

Turns 100 / Cor. + 11 / Depth 111

Shot or lead 60 lb

Bottom no spec.

Bottom temperature

No. of Thermometer 5000 Cor. low

Corrected temperature

Air 60 Surface 67 Drift

Trawl or dredge or tangles 1 K

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. *1056* Date *June 25 1901*

Machine. *2* Reel.

Turns *1056* Cor. + *82* Depth *1138*

Shot or lead *35 lb*

Bottom *br. Os.*

Bottom temperature *21.5*

No. of Thermometer *53738* Cor. - *.3*

Corrected temperature *38.2*

Air *69* Surface *61* Drift. *xc*

Trawl or dredge or tangles *18. 1. 11.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>8. 15.</i>		0		
<i>11. 15</i>	<i>42. 15</i>	100		
<i>12. 15</i>	<i>43. 35</i>	200		
<i>13. 15</i>	<i>44. 55</i>	300		
<i>14. 15</i>	<i>46. 15</i>	400		
<i>15. 15</i>	<i>47. 35</i>	500		
<i>16. 15</i>	<i>48. 55</i>	600		
<i>17. 15</i>	<i>50. 15</i>	700		
<i>18. 15</i>	<i>51. 35</i>	800		
<i>19. 15</i>	<i>52. 55</i>	900		
<i>20. 15</i>	<i>54. 15</i>	1000		
<i>21. 15</i>	<i>55. 35</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1015* Date *June 5**Sigsbee* Machine. *2* Reel.Turns *212* Cor. + *19* Depth *231*~~Shot or~~ lead *35 lbs*Bottom *gy. S. bk. sp.*Bottom temperature *41*No. of Thermometer *5373* Cor. - *0.3*Corrected temperature *40.8*Air *67* Surface *64* Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*8 48.30**57.40**0**51.00**57.00**100**51.05**55.30**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 461035 Date 6.04.1856

Sigsbee Machine. 2 Reel.

Turns 1605 Cor. + 116 Depth 1721

Shot or lead 35 lb.

Bottom lt br O.

Bottom temperature 37.2

No. of Thermometer 55738 Cor. -.3

Corrected temperature 37.2

Air 64 Surface 62 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
8.44.30	29.15	0
10	28.27	100
35	27.38	200
51.40	26.55	300
53.08	26.07	400
54.38	25.16	500
6	24.21	600
8	23.31	700
9.01.39	22.26	800
13.33	21.25	900
02.54	20.23	1000
03.54	19.25	1100
05.13.6	18.15	1200
11	17.16	1300
15	16.00	1400
10.20	14.50	1500
11.07	13.30	1600
12.20	13.25	1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1037, Date August 11, 1886  
Sigsbee Machine. 2 Reel.

Turns 1758 Cor. + 118

Depth 1758

Shot or lead 60 lbs.

Bottom stk. br. M.

Bottom temperature 27.5

No. of Thermometer 53738 Cor. - .3

Corrected temperature 37.2

Air 62 Surface 62 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.
0.00		
1.37.45	16.05	0
38.30	15.20	100
39.30	14.35	200
40.30	13.45	300
41.35	13.00	400
42.45	12.10	500
43.55	11.15	600
45.10	10.25	700
46.20	09.25	800
47.40	08.25	900
49.00	07.15	1000
50.15	06.10	1100
51.30	05.05	1200
52.40	04.00	1300
54.00	02.45	1400
55.20	01.30	1500
56.45	00.00	1600
57.15	4.59.00	1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1038* Date *Aug. 17<sup>th</sup> 1885*  
*Sigsbee* Machine. *2* Reel

Turns *1660* Cor. + *120* Depth *1780*

Shot or lead *35 lbs.*

Bottom *lt. gy. M.*

Bottom temperature *37.3*

No. of Thermometer *53738* Cor. *-.3*

Corrected temperature *36.9*

Air *66* Surface *64* Drift

Trawl or dredge or tangles *Cur. 1/2 Kt. E. in*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>12.38.30</i>	<i>17.00</i>	<i>0</i>		
<i>39.30</i>	<i>16.10</i>	<i>100</i>		
<i>40.30</i>	<i>15.25</i>	<i>200</i>		
<i>41.35</i>	<i>14.45</i>	<i>300</i>		
<i>42.45</i>	<i>14.00</i>	<i>400</i>		
<i>44.00</i>	<i>13.10</i>	<i>500</i>		
<i>45.20</i>	<i>12.25</i>	<i>600</i>		
<i>46.35</i>	<i>11.35</i>	<i>700</i>		
<i>47.55</i>	<i>10.40</i>	<i>800</i>		
<i>49.20</i>	<i>09.40</i>	<i>900</i>		
<i>50.40</i>	<i>08.45</i>	<i>1000</i>		
<i>52.00</i>	<i>07.45</i>	<i>1100</i>		
<i>53.30</i>	<i>06.45</i>	<i>1200</i>		
<i>54.50</i>	<i>05.45</i>	<i>1300</i>		
<i>56.20</i>	<i>04.35</i>	<i>1400</i>		
<i>57.50</i>	<i>03.30</i>	<i>1500</i>		
<i>59.15</i>	<i>1.02.15</i>	<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.  
11/1

No. 1289 Date July 7

Machine. 2 Reel.

Turns 1058 Cor. + 114 Depth 1172

Shot or lead 35 lb

Bottom br oz

Bottom temperature 38

No. of Thermometer 53738 Cor. -3

Corrected temperature 37.7

Air 65 Surface Drift.

Trawl or dredge or tangles *Crust. S. N.*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1040* Date *August 8 1886*  
*Sigsbee* Machine. *2* Reel.

Turns *74* Cor. *7* Depth *81*

~~Shot or lead~~ *35 lbs.*

Bottom *Fos. bk. sp.*

Bottom temperature *32*

No. of Thermometer *53738* Cor. *-.1*

Corrected temperature *31.9*

Air *61* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*9.30*  
*12.03.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Hy 5 1041 Date Aug 8  
 Tanner Machine. — Reel.

Turns 33 Cor. + 1 Depth 34

Shot or lead 25 lb

Bottom red sand. bk. spec

Bottom temperature 40

No. of Thermometer 53738 Cor. - .3

Corrected temperature 39.7

Air 62 Surface 62 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2150* Date *Aug 18*  
*Lucas* Machine. *2* Reel  
 Turns *33* Cor. + *2* Depth *35*  
 Shot or lead *35 lbs.*  
 Bottom *wh. S. brk. sh.*  
 Bottom temperature *31.2*  
 No. of Thermometer *52736* Cor. *-1*  
 Corrected temperature *31.1*  
 Air *60* Surface *62* Drift.  
 Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0 12 00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1043 Date Aug 25 1882

Machine. 2 Reel.

Turns 35 Cor. + 2 Depth 35

~~Shot or lead~~ 35 lbs.

Bottom hrd.

Bottom temperature 31.1

No. of Thermometer 55756 Cor. -.1

Corrected temperature 31.0

Air 60 Surface 62 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 754 Date August 1905

Machine. 2 Reel.

Turns 33 Cor. + 2

Depth 35

Shot or lead 35 lbs.

Bottom wh. S.

Bottom temperature 31.

No. of Thermometer 53528 Cor. -1

Corrected temperature 30.9

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.27.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1045* Date *August 1*  
*Sigsbee* Machine. *2* Reel.

Turns *35* Cor. + *3* Depth *38*

~~Shot or lead~~ *35 lbs*

Bottom *Peb.*

Bottom temperature *31.5*

No. of Thermometer *53538* Cor. *-1*

Corrected temperature *21.4*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*0.05.15*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1046* Date *Apr. 5<sup>th</sup> 1886**Sigsbee* Machine. *2* Reel.Turns *38* Cor. + *3* Depth *41*~~Shot or lead~~ *35 lb.*Bottom *gy. S. brk. sh. O. S.*Bottom temperature *30.5*No. of Thermometer *55708* Cor. *-.1*Corrected temperature *30.4*Air *57* Surface *58* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*8.39.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800 ,	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 1044* Date *August 5<sup>th</sup> 1886*  
 Machine. *2* Reel.

Turns *105* Cor. + *10* Depth *115*

Shot or lead *35 lb.*

Bottom *gy. m. s. sh. br. sp.*

Bottom temperature *32*

No. of Thermometer *53538* Cor. *-1*

Corrected temperature *31° 9*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*7.30*

*17.30*

*11.50*

*12.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 712 Date 10-17Machine. 2 Reel.Turns 10 Cor. + 54 Depth 154~~Shot or lead~~ 35Bottom gy. s.Bottom temperature —No. of Thermometer 53738 Cor. - .2Corrected temperature 37.8Air 5 Surface — Drift.Trawl or dredge or tangles —

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

11.43.00		0		
44.10		100		
45.30		200		
46.50		300		
48.25		400		
50.10		500		
51.50		600		
53.00		700		
55.00		800		
57.20		900		
59.30	12.03.00	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

11110

Date

May 9, 1891

Machine. 2 Reel.

Turns 1790 Cor. + 126 Depth 19

Shot or lead, 35 lb

Bottom m. (3)

Bottom temperature

No. of Thermometer 552 Cor. - .2

Corrected temperature 38.2

Air 62 Surface 59 Drift.

Trawl or dredge or tangles 3000 fath - 1/2

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *71* Date *11 June 1881**Sigsbee* Machine. *2* Reel.Turns *1851* Cor. + *130* Depth *1981*Shot or lead *60 lbs.*Bottom *sn. gy.*Bottom temperature *36.5*No. of Thermometer *5* Cor. *- 2*Corrected temperature *36.3*Air *65* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

<i>32.30</i>	<i>22.05</i>	0
<i>33.30</i>	<i>21.20</i>	100
<i>34.30</i>	<i>20.10</i>	200
<i>35.40</i>	<i>19.20</i>	300
<i>37.00</i>	<i>18.20</i>	400
<i>38.20</i>	<i>17.40</i>	500
<i>39.45</i>	<i>16.45</i>	600
<i>40.45</i>	<i>15.50</i>	700
<i>42.05</i>	<i>14.55</i>	800
<i>43.25</i>	<i>13.55</i>	900
<i>44.45</i>	<i>12.55</i>	1000
<i>46.00</i>	<i>11.55</i>	1100
<i>47.20</i>	<i>10.50</i>	1200
<i>48.45</i>	<i>09.40</i>	1300
<i>49.55</i>	<i>08.25</i>	1400
<i>51.15</i>	<i>07.10</i>	1500
<i>52.40</i>	<i>05.40</i>	1600
<i>54.15</i>	<i>03.00</i>	1700
	<i>2.00.45</i>	1800
	<i>1.58.00</i>	1900
		2000
		2100
		2200
		2300
		2400



2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

No. *Hyd 1051* Date *August 9<sup>th</sup> 1881*Machine. *2* Reel.Turns *222* Cor. + *112* Depth *222 2/3*Shot or lead *60 lbs.*Bottom *gy. dk.*Bottom temperature *36.2*No. of Thermometer *53738* Cor. *- 2*Corrected temperature *36.2*Air *65* Surface *63* Drift.Trawl or dredge or tangles *No. 1*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>7.56.30</i>		0		
<i>57.30</i>		100		
<i>58.20</i>		200		
<i>59.10</i>		300		
<i>1.01.25</i>		400		
<i>1.02.10</i>		500		
		600		
		700		
<i>1.03.5</i>		800		
		900		
<i>1.04.15</i>		1000		
		1100		
		1200		
	<i>43.30</i>	1300		
	<i>44.30</i>	1400		
<i>1.11.20</i>	<i>41.20</i>	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
<i>1.14.30</i>		2200		
<i>1.15.10</i>		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1132 Date August 5 1881

Machine. L Reel.

Turns Cor. + Depth 2221

Shot or lead 60 lbs.

Bottom lt. br. Oz.

Bottom temperature 31

No. of Thermometer 1229 Cor. - 2

Corrected temperature 36.8

Air 67 Surface 68 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.15	2.0	0		
11.15	2.10	100		
11.20	2.20	200		
11.25	2.30	300		
11.30	2.40	400		
11.35	2.50	500		
11.40	3.00	600		
11.45	3.10	700		
11.50	3.20	800		
11.55	3.30	900		
12.00	3.40	1000		
12.05	3.50	1100		
12.10	4.00	1200		
12.15	4.10	1300		
12.20	4.20	1400		
12.25	4.30	1500		
12.30	4.40	1600		
12.35	4.50	1700		
12.40	5.00	1800		
12.45	5.10	1900		
12.50	5.20	2000		
12.55	5.30	2100		
13.00	5.40	2200		
09.55	16.50	2300		
11.20	2.15.00	2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. 2 Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature 38

No. of Thermometer 53738 Cor. - 2

Corrected temperature 37.5

Air 69 Surface 70 Drift.

Trawl or dredge or tangles Cor. 1 1/2 fms. Star 11

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.36.15	44.50	0		
37.45	44.00	100		
38.35	43.10	200		
39.35	42.30	300		
40.35	41.45	400		
41.40	40.55	500		
42.45	40.05	600		
44.00	39.10	700		
45.10	38.15	800		
46.25	37.25	900		
47.30	36.35	1000		
48.45	35.45	1100		
50.00	34.10	1200		
51.15	33.00	1300		
52.30	31.45	1400		
54.00	30.25	1500		
55.30	29.25	1600		
57.00	28.00	1700		
58.30	26.30	1800		
10 00.00	25.00	1900		
01.30	23.00	2000		
03.05	20.35	2100		
04.35	18.45	2200		
06.15	16.55	2300		
07.50	15.00	2400		

1100	12.45	2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

$$\begin{array}{r} 2122 \\ 1078 \end{array}$$

Machine. 2 Reel.

Turns 2 Cor. 1 Depth 2577

Shot or lead 66

Bottom

Bottom temperature 37

No. of Thermometer 53738 Cor. - 2

Corrected temperature 36° 8

Air 69 Surface 68 Drift.

Trawl or dredge or tangles 11/11/12

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 30	04.10	0		
8 30	05.10	100		
9 30	06.10	200		
10 30	07.10	300		
11 30	08.10	400		
12 30	09.10	500		
13 30	10.10	600		
14 30	11.10	700		
15 30	12.10	800		
16 30	13.10	900		
17 30	14.10	1000		
18 30	15.10	1100		
02.40	16.30	1200		
04.10	17.30	1300		
05.40	18.20	1400		
07.10	19.15	1500		
08.40	20.00	1600		
10.10	20.55	1700		
11.40	21.50	1800		
13.10	22.45	1900		
14.40	23.40	2000		
16.10	24.35	2100		
17.40	25.30	2200		
19.10	26.25	2300		
20.40	27.20	2400		



	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *111055* Date *August 11<sup>th</sup> 1881**Sigsbee* Machine. *2* Reel.Turns *1431* Cor. *137* Depth *2135*Shot or lead *60 lb*Bottom *S & G*Bottom temperature *37.5*No. of Thermometer *53118* Cor. *- 7*Corrected temperature *37.0*Air *57* Surface *60* Drift.Trawl or dredge or tangles *71 E 1 1/2*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
	<i>20.55</i>	500		
<i>11.20</i>	<i>20.05</i>	600		
<i>12.30</i>	<i>19.10</i>	700		
<i>13.45</i>	<i>18.15</i>	800		
<i>15.05</i>	<i>17.15</i>	900		
<i>16.25</i>	<i>16.15</i>	1000		
	<i>15.11</i>	1100		
<i>19.00</i>	<i>14.00</i>	1200		
<i>20.20</i>	<i>12.35</i>	1300		
<i>21.45</i>	<i>11.15</i>	1400		
<i>23.05</i>	<i>10.00</i>	1500		
<i>24.30</i>	<i>08.45</i>	1600		
<i>35.00</i>	<i>07.35</i>	1700		
<i>37.05</i>	<i>06.15</i>	1800		
<i>39.15</i>	<i>03.00</i>	1900		
<i>53.30</i>	<i>4.01.20</i>	2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2692 Date Aug 11 1881Sigsbee Machine. 2 Reel.Turns 65 Cor. + 8 Depth 73~~Shot or lead~~ 35 lbBottom gy S. small black stonesBottom temperature 31.7No. of Thermometer 55738 Cor. - .7Corrected temperature 36.8Air 55 Surface 56 Drift. 1/2 m W x STrawl or dredge or tangles 2

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3693

Date Aug 11 1901

Sigsbee

Machine. 2 Reel.

Turns 70 Cor. + 8 Depth 78

Shot or lead 35 lb

Bottom gy. red clay sand black sgs. B.

Bottom temperature 37

No. of Thermometer 5588 Cor. - 1/2

Corrected temperature 36.8

Air 55 Surface 55 Drift. / 2.0 2.0

Trawl or dredge or tangles Large Sigsbee

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
12.00.30	12.01.00	0	12.00.30	12.01.00
12.01.00	12.01.30	100	14.30	12.01.30
		200	11.00	12.01.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

### REMARKS.

*Temperature of water at 1000 fathoms 48.5° F.*

No. *2000* Date *Aug. 11<sup>th</sup> 81**Machine.* *7* Reel.Turns *78* Cor. *8* Depth *86*~~Shot or lead~~ *35-56*Bottom *gy. s. sh.*Bottom temperature *37.5*No. of Thermometer *53738* Cor. *-.2*Corrected temperature *37.3*Air *55* Surface *56* Drift. *W 110*Trawl or dredge or tangles *none*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*1-51-30*

0

*1.55.00* *2.20.00*

100

*2.00.30* *18.00*

200

*15.00**2.40**2.13.00*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400





No. *510* Date *Oct 10 1881*  
*Sigsbee* Machine. 2 Reel.

Turns *75* Cor. *+ 10* Depth *1.5*

~~Shot or lead~~ *35 lb*

Bottom *gy. s. sh. gl. co.*

Bottom temperature *38*

No. of Thermometer *5372* Cor. *- 2*

Corrected temperature *37.8*

Air *51* Surface *51* Drift. *1.5*

Trawl or dredge or tangles *None*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	<i>Small pr. ... of ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i> <i>... ...</i>			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*... ..*

No. *2596* Date *August 11" 188**Liggett* Machine. *S* Reel.Turns *89* Cor. + *9* Depth *98*Shot or lead *55*Bottom *gy. S. bk. sh.*Bottom temperature *38.5*No. of Thermometer *5075* Cor. - *.2*Corrected temperature *58.6*Air *56* Surface *56* Drift. *1/2 m. N. E.*Trawl or dredge or tangles *Lane Beam*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*4.27.20*

0

*4.22.50* *5.10.50*

100

*4.37.15* *5.06.30*

200

*4.41.45* *5.02.35**2350**4.44.00* *5.00.30*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

*few mollusks*

No. *1000* Date *Oct 10 1881*Machine. *Lucas* Reel.Turns *105* Cor. *+* Depth *105*Shot or lead *35 lbs.*Bottom *kd.*Bottom temperature *38.4*No. of Thermometer *100* Cor. *- 2*Corrected temperature *36.4*Air *54* Surface *51* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *127* Date *August 11<sup>th</sup> 1881*Machine. *S* Redl.Turns *41* Cor. + *14* Depth *155*~~Shot or lead~~ *35 lb.*Bottom *wh. S. bk. sp.*Bottom temperature *44*No. of Thermometer *55736* Cor. - *3*Corrected temperature *39.7*Air *58* Surface *57* Drift.Trawl or dredge or tangles *1*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567. *111111*  $\frac{1}{2}$

No. *1058* Date *Aug 12 1886*  
*Sigsbee* Machine. *2* Reel.

Turns *42* Cor. *+* *33* Depth *42*

Shot or lead *35*

Bottom *br O2*

Bottom temperature *39*

No. of Thermometer *55750* Cor. *- 3*

Corrected temperature *38.7*

Air *56* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<i>3 21 10</i>		100		
<i>23</i>		200		
		300		
<i>1 1 30</i>		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1007 Date June 10 1881Machine. 2 Reel.Turns 237 Cor. 1 Depth 238~~Shot or lead~~ 35 lb. shotBottom lost - mudBottom temperature not obtainedNo. of Thermometer 237 Cor. 0.1

Corrected temperature

Air 53 Surface 49 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.15		0		
10		100		
2		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

181  
~~167~~

$$\begin{array}{r} 189 \\ 13 \\ \hline 36 - \end{array} \quad \begin{array}{r} 4000 \\ 400 \\ \hline 3596 \end{array}$$

$$\begin{array}{r} 4000 \\ 1649 \\ \hline 2351 \end{array}$$

$$3966$$

$$\begin{array}{r} 189 \\ 73 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 4000 \\ 2464 \\ \hline 1536 \\ 157 \\ \hline 2621 \end{array}$$

$$\begin{array}{r} 4000 \\ 1790 \\ \hline 2210 \end{array}$$

$$\begin{array}{r} 189 \\ \hline 63 \\ \hline 126 \\ 32 \\ \hline 157 \end{array}$$

$$\begin{array}{r} 4000 \\ 28 \\ \hline 3922 \end{array}$$

$$\begin{array}{r} 9 \\ 181 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4000 \\ 500 \\ \hline 3560 \end{array}$$

$$\begin{array}{r} 189 \\ 112 \\ \hline 39 \end{array}$$